

□ Method and apparatus for separating liquid mixtures using ultrafiltration

L20 ANSWER 6 OF 121 HCA COPYRIGHT 2002 ACS FAMILY 3  
AN 90:206315 HCA  
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PA Societe d'Etudes et de Realisations Industrielles S. A., Fr.  
SO Ger. Offen., 11 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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AB H2O-oil emulsions, esp. cutting fluids, are sepd. by being passed through a gravity flotation separator, which removes most of the oil. The remaining mixt. is pressurized with air to .apprx.5 bar, expanded to .apprx.2 bar, and pumped through an ultrafilter which seps. pure H2O as filtrate. The expanding air keeps the membranes of the ultrafilter clean. A part of the H2O-oil mixt. from the ultrafilter is recirculated to the gravity separator to assist in flotation sepn.

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